

1. A method for predicting a climatic related phenomenon, the method comprising:

- (a) collecting climatic data;
- (b) categorizing the data as real-time data, historical average data, or forecast data;
- (c) establishing a cycle start point, a cycle end point, and a current cycle point;
- (d) dividing the cycle into a number of data pockets;
- (e) assigning the real-time data to data pockets before the current cycle point, and the forecast data to data pockets after the current cycle point.
- (f) applying a modeling program to the data and calculating at least one predictive indicator;
- (g) generating a visual display of said predictive indicator as a function of time.

2. The method according to claim 1 wherein the climatological data includes one or more from the group consisting of rainfall, humidity, temperature, wind, and soil moisture data.

3. The method according to claim 1 wherein the cycle start point and the cycle end point are separated by one year, and wherein the number of data pockets is 52.

4. The method according to claim 1 wherein step (e), the real-time data is assigned to data pockets from the cycle start point to the current cycle point, the forecast data is assigned to data pockets after the current cycle point to a future cycle point.

5. The method according to claim 4 wherein step (e) further comprises assigning historical average data to data pockets from the future cycle point to the cycle end point.

6. The method according to claim 1 wherein the climatological data are connected with the same geographical region.

7. The method according to claim 1 wherein the modeling program relates the climatological data to a growth favorability factor for pests.

8. The method according to claim 1 wherein the climatic related phenomenon is pest development and the predictive indicator is a pest growth index.

9. The method according to claim 8 wherein the step of calculating said growth index is performed by applying a set of parameters and the temperature data to a climatic pest distribution model.

10. The method according to claim 9 wherein the climatic pest distribution model is a computer implemented program providing a dynamic simulation which enables the estimation of the geographic distribution and relative abundance of a species as a function of climatic conditions.

11. A method of doing business, said method comprising:

- (a) collecting time related climatological data;
- (b) receiving a request for at least one predictive indicator related to the climatological data;
- (c) applying a modeling program to the data and calculating said predictive indicator;
- (d) generating a visual display of said predictive indicator as a function of time; and
- (e) reporting the modeling program calculations for a fee in response to said request.

12. The method according to claim 11 wherein the climatic data include historical average data, real-time data; and forecast data.

13. The method according to claim 12 wherein the climatic data further comprises site specific data.

14. The method according to claim 11 further comprising aggregating the climatic data by week before step (c).

15. The method according to claim 11 wherein the climatic data are specific to a geographic region.

16. A method of doing business comprising providing to a client for a fee, a service by subscription, wherein a subscribing client accesses a central computer in which there is stored:

- (a) at least one modeling program to calculate a predictive indicator;
- (b) historical average, real-time and forecast data for a plurality of geographic locations, and
- (c) a program for generating a visual display of the calculated predictive indicator for a requested geographic region as a function of time; and

wherein said client enters a desired predictive indicator, and a desired geographic region and said client receives a display of the desired predictive indicator in said desired geographic region as a function of time.

17. The method according to claim 16 wherein said client is one or both of a manufacturer and distributor of pest control products and wherein said display guides said one or both of the manufacturer and distributor of pest control products in production, distribution or stocking of pest control products.

18. The method according to claim 16 wherein said historical average, real-time and forecast climatic data is supplied from a weather service provider.

19. The method according to claim 18 wherein said weather service provider is the National Oceanic Administration Weather Service or a comparable public or private weather service or climate data reporting network.

20. The method according to claim 16 wherein said client submits climatic data to be used in calculating the predictive indicator.

21. A method of apportioning data for use in a computer modeling program, the method comprising:

- (a) collecting time related data;
- (b) apportioning time related data into a plurality of equal time periods;
- (c) categorizing the data into one of a data set measured at a past time; a data set measured at a present time; and a predicted data set for a future time;
- (d) assigning a first number of the equal time periods to the data set measured at a past time; a second number of the equal time periods to the data set measured at a present time; and a third number of the equal time periods to the predicted data set.

22. The method of claim 21 further comprising a step of weighting the data sets according to the magnitude of the first, second and third numbers.

23. The method of claim 21 wherein the plurality of equal time periods is weeks of the year.